

FIGURE 1

	smart	HDD	monitor	system			surface
Cool Lap 7	CPU	timer		. •	ACPI	ambient	temp
Off	off	off	off	Off	on	22.8	23
time ,							
(minutes)	0	1				<del></del>	
CPU temp	37	56	60	. 57	59	60	59
CPU temp in							
F	98.6				<del></del>		
case temp	24.8	28.2	31.8	34.6	36.3	38.1	38.9
case temp in							
F	76.64			<del></del>	<del> </del>	<del></del>	
CPU speed	752	<del></del>		<del></del>	752	752	752
application	Excite Ex	Excite Extreme 3D Fashion Show					
						,	
time							
(minutes)	35				<del></del>	<del></del>	1
CPU temp	53	59	51	60	59	58	
CPU temp in							
F	127.4			<del></del>			•
case temp	40.2	41.2	41.6	42.1	42.6	42.8	
case temp in							
F	104.36					<del></del>	4
CPU speed	752	1	L	<del></del>	752	752	
application	Excite Extreme 3D Fashion Show						

FIGURE 2

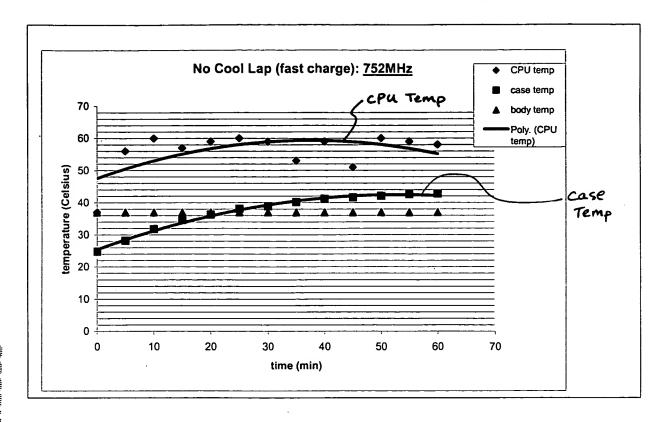


Figure 3

	<del></del>				1		
				system	l	1	surface
Cool Lap 7b	smart CPU	HDD timer	timer	timer	ACPI	ambient	temp
On	on	off	off	off	on	23.1	24.4
time							
(minutes)	0	5	10	15	20	25	30
CPU temp	32	48	47	48	49	49	50
CPU temp in F	89.6	118.4	116.6	118.4	120.2	120.2	122
case temp	26.5	30	32.2	33.7	34.5	35.2	35.8
case temp in F	79.7	86	89.96	92.66	94.1	95.36	96.44
CPU speed	693	694	604	604	605	602	604
Application	Excite Extreme 3D fashion show						
			•			-	
time							
(minutes)	35	40	45	50	55	60	
CPU temp	49	49	50	50	50	50	
CPU temp in F	120.2	120.2	122	122	122	122	·
case temp	36.2	36.5	36.8	37	37.3	37.5	
case temp in F	97.16	97.7	98.24	98.6	99.14	99.5	
CPU speed	604	603	608	604	604	604	
Application	Excite Extreme 3D fashion show						

Figure 4

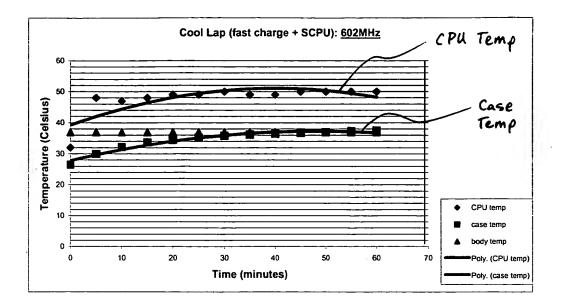
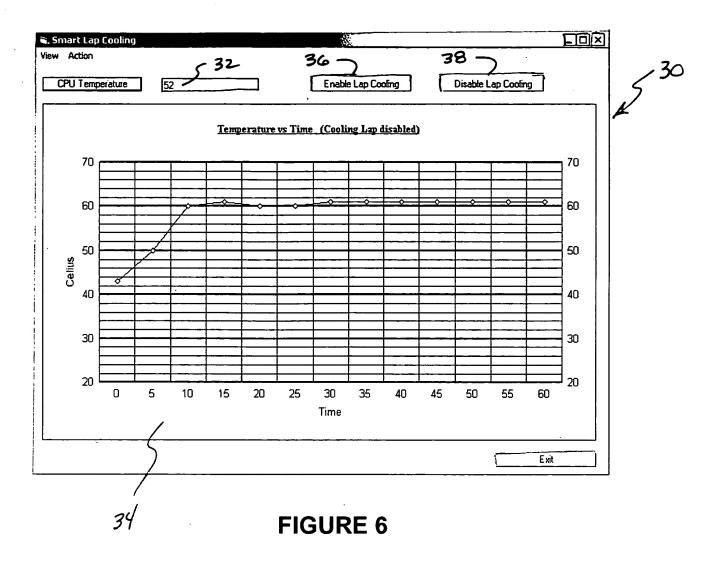


Figure 5



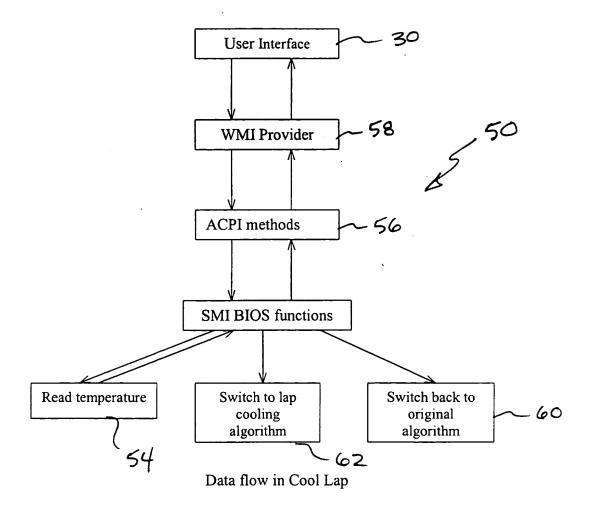
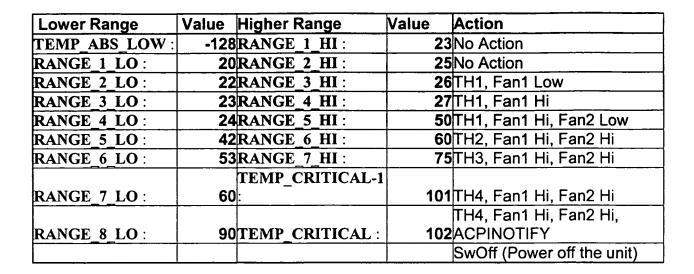


FIGURE 7

Lower Range	Value	Higher Range	Value	Action
TEMP_ABS_LOW:	-128	RANGE_1_HI:	23	No Action
RANGE_1_LO:	20	RANGE_2_HI:	25	No Action
RANGE_2_LO:	22	RANGE_3_HI:	26	TH1, Fan1 Low
RANGE 3 LO:	23	RANGE_4_HI:	27	TH1, Fan1 Hi
RANGE_4_LO:	24	RANGE_5_HI:	55	TH1, Fan1 Hi, Fan2 Low
RANGE_5_LO:	47	RANGE_6_HI:	65	TH2, Fan1 Hi, Fan2 Hi
RANGE_6_LO:	58	RANGE_7_HI:	90	TH3, Fan1 Hi, Fan2 Hi
		TEMP_CRITICAL-1		
RANGE_7_LO:	55	<del>'</del>	101	TH4, Fan1 Hi, Fan2 Hi
	·			TH4, Fan1 Hi, Fan2 Hi,
RANGE_8_LO:	90	TEMP_CRITICAL:	102	ACPINOTIFY
				SwOff (Power off the unit)

## FIGURE 8

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## FIGURE 9